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June 30, 1958

Dear Dan:

This is a proposal for field service activities to be conducted for the period of 1 July 1958 to 31 December 1958 on Contract [REDACTED]

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[REDACTED] It consists of this cover letter, a detailed description of the services which the contractor proposes to provide, and a detailed cost estimate for each item of proposed service.

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Under Contract [REDACTED] the contractor proposes to continue the field engineering supervision of all Systems for Requirement 1 and Requirement 3. In addition, field engineering, training, and engineering support will be provided for Requirement 1 and Requirement 3. The contractor will also supply low-cost items necessary for the support of field units for both Requirement 1 and Requirement 3. Support for Requirement 2 will be continued as described in our proposal CMCC Document No. 151X5.1105 dated 15 May 1958.

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Under Contract [REDACTED] field engineering support will be provided for both System 4 and System 6 for Requirement 1.

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Resident engineering services for Requirement 3 will be provided on System 1, System 3, System 4 and the data reduction equipment under the provisions of Contract [REDACTED]

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Field support will continue under the provisions of Contract [REDACTED]. No field support work has yet begun on [REDACTED] pending negotiation of a contract.

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The cost estimate contains a detailed breakdown by item of all work proposed under Contract [REDACTED] for the last half of 1958. For convenience of funding, the cost estimate has also been broken down by Requirement.

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NEXT REVIEW DATE: 120182  
AUTH: 120182  
DATE: 120182 REVIEWER: 010956

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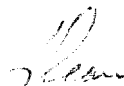
CMCC Doc. No. 151X5.1176  
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The total estimated funding required for the last part of 1958 under Contract [REDACTED] has already been covered in our letter CMCC Document No. 151X5.1091, dated 7 May 1958. The budgetary estimates contained in that letter remain unchanged.

We would appreciate receiving as soon as possible your approval of this proposal so that we will be able to continue our field service program uninterrupted.

Sincerely,



Dean

Enclosures:

Copies 1-3 of the following classified documents:

151X5.1176-1  
151X5.1176-2  
151X5.1176-3  
1132X5.228

cc: J.L.W. - AGO  
Copy 4 of the above classified documents

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1 COPY 1 OF 3Proposal: [REDACTED]  
30 June 1958

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## PROPOSAL FOR FIELD ENGINEERING SERVICES

CONTRACT [REDACTED]

25X1A

For the Period of 1 July 1958 to 31 December 1958

Item 1 Engineering Supervision - Requirement 1 and Requirement 3

The field service contract requires full-time engineering supervision. Field engineering personnel are still being hired for the Requirement 3 program, and some of the Requirement 1 field services are being terminated. The high turnover of Air Force technicians has created a need for revised concepts of Requirement 3 training programs. Liaison among contractors and customers is essential for the coordination and continued support of all systems. Information received from the field must be disseminated and appropriate action must be initiated to answer U.R.'s, field reports, and issue service bulletins.

Any new tasks not contemplated by this proposal must be dealt with promptly by the supervisory staff and immediately brought to the attention of all concerned.

More than twenty (20) specially trained contractor personnel are in the field for extended periods of time. Under any circumstances the number of people involved would require some contact with contractor supervision, personnel management and technical liaison. Past experience has shown that the lack of such supervision is not in the best interests of the contractor or the customer. An engineering supervisor should make periodic visits (approximately once each six months) to all field locations.

Item 2 Non-Resident Field Engineering and Engineering Support, Requirement 1

The overseas program will require local field engineering support. Field tests must be performed to check new modifications and new models of equipment. Some equipment will require field testing before delivery. Suggestions and comments from field units and from the customer will require evaluation under

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Page 2 of 4Item 2 (Continued)

field conditions. Miscellaneous purchased parts, fabricated parts, and certain specialized pieces of test apparatus will be required to perform these evaluations. New aircraft configurations and new locations of existing equipment are required when new equipment is added to the program. Each change requires additional field engineering to check for mutual electrical interference, satisfactory physical location and satisfactory environmental performance in the new locations. This company has been charged with the responsibility of insuring that all aircraft configurations are compatible from an electrical or electronic interference standpoint. Programs requiring this type of support are represented by the following list of efforts not yet completed:

1. Field tests of S-band traveling-wave-tube amplifier
2. System 6
3. Compatibility tests - System 6 and ARN-6 radio compass

System 6 must be fitted to the aircraft and to the aircraft hatches by personnel at the local field site. The limited availability of aircraft during working hours stretches a one-day work schedule to several man days on the job. A total of three personnel are required to complete the installations and tests of each complete System 6.

The System 6 work and other projects at Edwards Air Force Base require one technician full time making liaison trips between the factory and Edwards Air Force Base. The continued operation of the equipment in the field demands that field reports be answered and, from time to time, service bulletins must be issued. This requires the part-time support of an engineer and the use of design and drafting and publications personnel.

Funding for the major portion of System 6 field support was requested in our proposal CMCC Document No. 151X5.972 dated 25 March 1958. The detailed cost estimate for Item 2 contains only estimated costs in addition to the funding already requested.

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CMCC Doc. No. 151X5.1176-1

Copy 1 of 5Page 3 of 4Item 3 Non-Resident Field Engineering, Requirement 2

The checkout and evaluation of the System 2 equipment has been discussed in a separate proposal. (CMCC Document No. 151X5.1105 dated 15 May 1958)

Item 4 Non-Resident Field Engineering, Training and Engineering Support, Requirement 3

System 4 must be environmentally tested and flight-tested during this proposal period. Normally twelve weeks is required to complete the testing and delivery of each System. One engineer and two technicians are required to test each System 4. One additional technician is required for liaison trips between the factory and the testing sites. The estimated cost of these tests has been submitted in a separate proposal. (CMCC Document No. 151X5.1147 dated 16 June 1958)

Engineers and technicians to perform resident field engineering services in support of System 4 will receive in-plant training. The contractor believes that most of this training can be obtained during the environmental tests and flight tests conducted at Edwards Air Force Base. Therefore only partial funding is required for the salaries of the engineers and technicians while in training since some funding is covered in the flight test proposal. (CMCC Document No. 151X5.1147 dated 16 June 1958)

The factory is required to answer U.R.'s, field reports and issue service bulletins. Other miscellaneous reports are required in solution of such problems as:

1. Electrical interference, System 3 - ARN -6  
Radio Compass
2. Mutual electrical interference - When more than one System is used at a time.

Item 5 Miscellaneous Support of Field Units, Requirement 1

From time to time it is evident that the factory can supply low-cost items such as operating supplies, miscellaneous cables, hardware, etc. that would cost a great deal more than

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Item 5 (Continued)

they are worth if procured through normal channels. The factory proposes to supply such items subject to careful review and not to exceed an amount of \$500.00 per location for this proposal period.

Item 6 Miscellaneous Support of Field Units, Requirement 3

The factory proposes to provide low cost items for the support of Requirement 3 location in a manner similar to that described in Item 5. The cost for providing these items will not exceed \$1,000.00 for this proposal period.

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Proposal: [REDACTED]  
30 June 1958

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PROPOSAL FOR FIELD ENGINEERING SERVICES

CONTRACT [REDACTED]

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For the Period of 1 July 1958 to 31 December 1958

Overseas Resident Field Engineering Services,  
Requirement 1

A System 4 team consisting of two engineers and one technician will be required throughout this proposal period.

One engineer will be required for the delivery and installation of System 6 at one overseas location.

Two technicians will remain on location for most of this proposal period, and a third technician will remain on location for the first one or two months of this proposal period.

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Proposal: [REDACTED]

30 June 1958

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## PROPOSAL FOR FIELD ENGINEERING SERVICES

CONTRACT [REDACTED]

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For the Period of 1 July 1958 to 31 December 1958

Item 1 Resident Field Engineering Services, System 1, System 3,  
System 4, and the Data Reduction Equipment,  
Requirement 3

A total of four engineers and eight technicians are required to operate and maintain the equipment at one location. It is estimated that two of the technicians will not be on duty until late in this proposal period.

Two engineers will be required as team leaders and instructors for the installation of the data reduction equipment overseas and the associated training program. The estimated cost for this service has been included in a separate proposal (CMCC Document No. 151X5.1060 dated 3 April 1958)

Members of the team will be borrowed from the twelve resident field engineering personnel at the Requirement 3 training base.

The installation of the data reduction equipment in the United States will be completed by personnel located at the Requirement 3 training base.

Two engineers will be required to train Air Force technicians and Air Force instructors in the maintenance and operation of the equipment supplied by the contractor. One engineer will take complete charge of the System 4 training program and one engineer will take complete charge of the training program for System 1, System 3, and the data reduction equipment. The estimated cost for this service has been included in a separate proposal. (CMCC Document No. 151X5.1060 dated 3 April 1958)

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Item 1 (Continued)

It has become necessary to provide the field locations with technical data, reference handbooks, training aids, and texts. The number of field locations now precludes the loan of such equipment from the factory's technical library. Each location should be given adequate technical material and training aids that will remain the property of the Government.

At least one engineer should return to the factory periodically for a technical review of current factory activities.

The data reduction installation teams will be working in remote locations without access to standard supply channels. Emergency spare parts must be locally purchased to avoid lengthy delays. It is estimated that \$200 per location should meet all requirements.

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<b>CENTRAL INTELLIGENCE AGENCY OFFICIAL ROUTING SLIP</b>				
TO	NAME AND ADDRESS		INITIALS	DATE
1	[REDACTED] COMMO		<i>EHJ</i>	<i>13 Aug</i>
2	<i>Contracts</i> [REDACTED]			
3				
4				
5				
6				
	ACTION	DIRECT REPLY	PREPARE REPLY	
<input checked="" type="checkbox"/>	APPROVAL	DISPATCH	RECOMMENDATION	
<input checked="" type="checkbox"/>	COMMENT	FILE	2	RETURN
	CONCURRENCE	INFORMATION	SIGNATURE	
Remarks: <i>I can approve all items listed for Requirement #1. EHJ</i>				
FOLD HERE TO RETURN TO SENDER				
FROM: NAME, ADDRESS AND PHONE NO.				DATE
[REDACTED]				<i>11-8-58</i>
	UNCLASSIFIED	CONFIDENTIAL	<input checked="" type="checkbox"/>	SECRET

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